

INTERNATIONAL SEARCH REPORT

International application No.
PCT/JP2005/005618

A. CLASSIFICATION OF SUBJECT MATTER

Int.Cl.⁷ H01S5/06, H01S5/125, G02F1/37

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Int.Cl.⁷ H01S5/06-5/0687, G02F1/37, H01S5/125

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Published examined utility model applications of Japan 1922-1996

Published unexamined utility model applications of Japan 1971-2005

Registered utility model specifications of Japan 1996-2005

Published registered utility model applications of Japan 1994-2005

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

JICST (JOIS)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	JP 2002-43698 A (Yokogawa Electric Corporation, Matsushita Electric Industry co. ltd.) 2002.02.08, 【0131】 - 【0138】 , 【0155】 , 【0157】 - 【0158】 , Fig. 30 & US 2001/0005388 A1 & US 6738398 B2	1, 3-6, 8
Y	JP 1-183180 A (Fujitsu Ltd.) 1989.07.20, page 2, column 6, lines 8-14 (none patent family)	2, 7
Y	JP 2004-70338 A (Canon K.K.) 2004.03.04, 【0087】 , 【0097】 - 【0098】 , Fig.20-21 & US 2004/0027648 A1	4-5

 Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:

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- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

20.04.2005

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10.5.2005

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C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	Y. Kitaoka et. al., 'Wavelength stabilization of a distributed Bragg reflector laser diode by use of complementary current injection', Optics Letters, 2003, Vol.28, No.11, Fig.1	1-3, 6-8

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